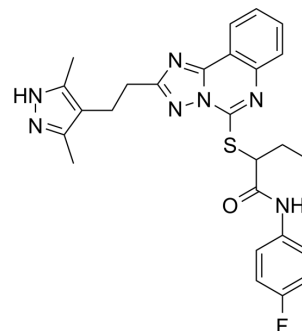


NCGC00138783 free base

Cat. No.:	HY-143224A
CAS No.:	896700-07-5
Molecular Formula:	C ₂₆ H ₂₆ FN ₇ OS
Molecular Weight:	503.59
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NCGC00138783 free base is a selective inhibitor targeting CD47/SIRPα axis, with an IC ₅₀ of 50 μM. NCGC00138783 free base directly blocks the interaction between CD47 and SIRPα axis ^{[1][2]} .
IC ₅₀ & Target	CD47/SIRPα axis ^[1]

REFERENCES

- [1]. Junqiao Zhu, et al. CD47-SIRPα axis in cancer therapy: Precise delivery of CD47-targeted therapeutics and design of anti-phagocytic drug delivery systems. *Medicine in Drug Discovery*. 2022. 15:100139
- [2]. Bo Huang, et al. Structural analysis and binding sites of inhibitors targeting the CD47/SIRPα interaction in anticancer therapy. *Comput Struct Biotechnol J*. 2021 Oct 1;19:5494-5503.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA